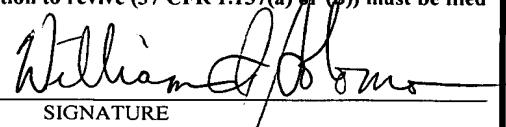


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|--|---|---|---|
| FORM PTO-1390<br>(REV. 10-2003)  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |   | ATTORNEY'S DOCKET NUMBER<br>396.44491X00                            |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |   |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/516956</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2003/007977</b>  | INTERNATIONAL FILING DATE<br><b>June 24, 2003</b>       | PRIORITY DATE CLAIMED<br><b>June 25, 2002</b> |   |
| TITLE OF INVENTION<br><b>GAS-BARRIER CONTAINERS</b>  |   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>TAKESHI KOYAMA KUTSUNA, TAKAAKI KIHARA, SHUTA</b>  |   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |   |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br/>       a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br/>       b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br/>       c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office(RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br/>       a. <input checked="" type="checkbox"/> is attached hereto.<br/>       b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br/>       a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br/>       b. <input type="checkbox"/> have been communicated by the International Bureau.<br/>       c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br/>       d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> |   |   |   |
| <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: International Search Report; International Publication Number WO 2004/000681A1- cover sheet</p>   |   |   |   |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)   |              | INTERNATIONAL APPLICATION NO. | ATTORNEY'S DOCKET NUMBER |
| <b>10/516956</b>  |              | 2002-185154                   | 396.44491X00             |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:   |              | CALCULATIONS PTO USE ONLY     |                          |
| <b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1) - (5)):</b><br>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....  |              | \$1,110.00                    |                          |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....  |              | \$950.00                      |                          |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....   |              | \$790.00                      |                          |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....  |              | \$750.00                      |                          |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....  |              | \$100.00                      |                          |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>   |              | \$ 950.00                     |                          |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              | \$                            |                          |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA                  | RATE                     |
| Total Claims  | 19 - 20 =    |                               | x \$18.00                |
| Independent Claims  | 1 - 3 =      |                               | x \$88.00                |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)  |              | + \$300.00                    |                          |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              | <b>\$ 950.00</b>              |                          |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.  |              | \$                            |                          |
| <b>SUBTOTAL =</b>   |              | \$                            |                          |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              | \$                            |                          |
| <b>TOTAL NATIONAL FEE =</b>   |              | <b>\$ 950.00</b>              |                          |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property   |              | + \$ 40.00                    |                          |
| <b>TOTAL FEES ENCLOSED =</b>  |              | <b>\$ 990.00</b>              |                          |
|   |              | Amount to be refunded:        | \$                       |
|   |              | charged:                      | \$                       |
| <p>a. <input type="checkbox"/> A check in the amount of <u>\$</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <b>01-2135</b> in the amount of <u>\$</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposition Account No. <b>01-2135</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> |              |                               |                          |
| <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>   |              |                               |                          |
| SEND ALL CORRESPONDENCE TO:   |              |                               |                          |
| <p><b>ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP</b><br/> <b>1300 North 17<sup>th</sup> Street – Suite 1800</b><br/> <b>Arlington, VA 22209</b><br/> <b>Customer Number 020457</b></p>  |              |                               |                          |
| <br><b>SIGNATURE</b><br><b>WILLIAM I. SOLOMON</b>  |              |                               |                          |
| <b>NAME</b><br><b>28,565</b>  |              |                               |                          |
| <b>REGISTRATION NO.</b>   |              |                               |                          |